

DERWENT-ACC-NO: 2000-341329
DERWENT-WEEK: 200117
COPYRIGHT 1999 DERWENT INFORMATION LTD

TITLE: Masking tape for painting automobile bodywork has layers of a paper carrier and a self-adhesive mass and a masking film to hold and absorb any covering paint with easy disposal

INVENTOR: NICKEL, O

PATENT-ASSIGNEE: BEIERSDORF AG[BEIE]

PRIORITY-DATA: 1998DE-1051191 (November 6, 1998) ,
1998DE-2024329 (November 6,
1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
DE 29824329 U1	March 22, 2001	N/A
000	C09J 007/04	
EP 999251 A2	May 10, 2000	G
005	C09J 007/04	
DE 19851191 A1	May 25, 2000	N/A
000	C09J 007/02	

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK N
L PT RO SE SI

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
DE 29824329U1	Application no.	1998DE-1051191
November 6, 1998		
DE 29824329U1	N/A	1998DE-2024329
November 6, 1998		
EP 999251A2	N/A	1999EP-0121129
October 22, 1999		
DE 19851191A1	N/A	1998DE-1051191
November 6, 1998		

INT-CL_(IPC): B05B015/04; B32B027/10 ; B32B027/32 ;

C09J007/02 ;
C09J007/04

ABSTRACTED-PUB-NO: EP 999251A

BASIC-ABSTRACT: NOVELTY - The masking tape is composed of a temperature resistant adhesive tape (1) with a paper carrier (2) and a self-adhesive mass (3). A masking paper (5) is laminated at the edge zone (4) of the self-adhesive mass (3), with a good paint bonding and absorbency character. A masking film (6) is laminated at the same edge zone (4) of the self-adhesive mass (3).

DETAILED DESCRIPTION - The masking film (6) wholly covers the masking paper (5) at the side with the self-adhesive mass (3) of the masking tape (1), and is behind when the masking tape (1) is stuck in place. The masking tape (1) can resist a maximum temperature of 130 deg. C for 1 hr. The masking tape (1) has a width of 15-75 mm, and especially 19-30 mm. The masking tape (1) thickness of 100-250 μ m and especially 130-200 μ m. The paper carrier (2) is creped, can stretch and is flexible. The paper carrier (2) is an unbleached strong paper of 30-40 g/m² in a width of 15-50 cm and especially 20-40 cm. The masking film (6) has a thickness of 8-20 μ m and a width of 0.5-2.0 m. The masking film (6) is fitted to the masking paper (5) in accordion pleats, to be opened out. The edge zone (4) of the self-adhesive mass (3) on the masking paper (5) and on the masking film (6) is 1-5 mm wide, and especially 2-4 mm. The masking tape is for winding in a roll, where the masking film (6) is folded, and the height of the roll matches the width of the masking paper plus the width of the masking tape (1).

USE - The masking tape is for the cover of automobile bodywork which is not to

be painted.

ADVANTAGE - The masking tape effectively holds any paint applied to it, and it can be discarded without special disposal measures.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic side view of the masking tape structure.

Masking tape 1

Paper carrier 2

Self-adhesive mass 3

Edge zone of the self-adhesive mass 4

Masking paper 5

Masking film 6

CHOSEN-DRAWING: Dwg.1/3

TITLE-TERMS:

MASK TAPE PAINT AUTOMOBILE BODYWORK LAYER PAPER CARRY SELF
ADHESIVE MASS MASK
FILM HOLD ABSORB COVER PAINT EASY DISPOSABLE

DERWENT-CLASS: A17 A35 A81 G03 P42 P73

CPI-CODES: A12-A01A; A12-T; G03-B04;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]

018 ; P0000

Polymer Index [1.2]

018 ; ND01 ; Q9999 Q7863 ; K9563 K9483 ; K9483*R ;
K9676*R ; K9416
; Q9999 Q6633 ; B9999 B5301 B5298 B5276 ; B9999 B3383*R
B3372 ;
B9999 B4682 B4568 ; B9999 B5243*R B4740 ; N9999 N7283 ;
K9950

Polymer Index [2.1]

018 ; P0000

Polymer Index [2.2]

018 ; ND01 ; Q9999 Q7158*R Q7114 ; Q9999 Q9234 Q9212 ;
K9483*R ;

K9676*R

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2000-103734

Non-CPI Secondary Accession Numbers: N2000-256391